UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandra, Virginia 22313-1450 www.uspio.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

24956

7590

09/06/2006

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C. 1800 DIAGONAL ROAD SUITE 370 ALEXANDRIA, VA 22314

EXAMINER
PEUGH, BRIAN R
ART UNIT PAPER NUMBER

2187 DATE MAILED: 09/06/2006

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/748.886 | 12/30/2003 | Naohisa Kasako | 81940.0067 | 1408 |

TITLE OF INVENTION: REMOTE STORAGE DISK CONTROL DEVICE AND METHOD FOR CONTROLLING THE SAME

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$0 | \$1700 | 12/06/2006 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents

P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

| indicated unless correct maintenance fee notifica | ed below or directed oth | nerwise in Block 1, by (a | a) specifying a new corre | spondence address | and/or | (b) indicating a sepa | arate "FEE ADDRESS" for |
|---|--|---|---|---|---|--|--|
| | ENCE ADDRESS (Note: Use BI | | Fee par | e(s) Transmittal. The ers. Each additiona | is certifi Il paper, | cate cannot be used f | or domestic mailings of the or any other accompanying nt or formal drawing, must |
| 1800 DIAGONA SUITE 370 | , STANGER, MA AL ROAD | /2006 Lur & Brundii | OGE, P.C. I h Sta add trai | Cer ereby certify that th tes Postal Service v dressed to the Mai asmitted to the USP | tificate is Fee(s) vith suff I Stop I TO (571 | of Mailing or Trans) Transmittal is being icient postage for firs SSUE FEE address) 273-2885, on the d | mission g deposited with the United st class mail in an envelope above, or being facsimile ate indicated below. |
| ALEXANDRIA | , VA 22314 | | | | | | (Depositor's name) |
| | | | | | | | (Signature) |
| | | | | • | | | (Date) |
| APPLICATION NO. | FILING DATE | | FIRST NAMED INVENTO | · | ATTOR | RNEY DOCKET NO. | CONFIRMATION NO. |
| 10/748,886 TITLE OF INVENTION | 12/30/2003 I: REMOTE STORAGE | DISK CONTROL DEVI | Naohisa Kasako CE AND METHOD FOR | CONTROLLING 1 | | 81940.0067 ME | 1408 |
| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSU | E FEE | TOTAL FEE(S) DUE | DATÉ DUE |
| nonprovisional | NO | \$1400 | \$300 | \$0 | | \$1700 | 12/06/2006 |
| EXAM | INER | ART UNIT | CLASS-SUBCLASS | 7 | | | |
| PEUGH, | BRIAN R | 2187 | 711-162000 | J | | | |
| CFR 1.363). Change of corresp Address form PTO/S "Fee Address" inc PTO/SB/47; Rev 03-1 Number is required. 3. ASSIGNEE NAME A | dication (or "Fee Address 02 or more recent) attack of the ND RESIDENCE DATA cless an assignce is idented the in 37 CFR 3.11. Comp | Indication form | | o 3 registered pater ively, the firm (having as a agent) and the namorneys or agents. If a printed. (pe) patent. If an assign assignment. | a memberes of up no name | er a 2 to to e is 3entified below, the d | ocument has been filed for |
| | | | | | | | oup entity Government |
| 4a. The following fee(s) Issue Fee Publication Fee (i) Advance Order - | are submitted: No small entity discount p | permitted) | b. Payment of Fec(s): (Ple A check is enclosed. Payment by credit cr The Director is heret overpayment, to Dep | urd. Form PTO-2038 | 3 is attac | ched. equired fee(s), any do | |
| a. Applicant claim | ntus (from status indicate ns SMALL ENTITY statu | us. See 37 CFR 1.27. | b. Applicant is no lo | | | | FR 1.27(g)(2). the assignee or other party in |
| interest as shown by the | records of the United Sta | ites Patent and Trademark | Office. | the applicant, a reg | isicicu a | | |
| Authorized Signature |) | | | Date | | | . |
| Typed or printed name Registration No | | | | | | | |
| This collection of inform an application. Confider submitting the complete this form and/or suggest Box 1450, Alexandria, V Alexandria, Virginia 22: | nation is required by 37 C ntiality is governed by 35 d application form to the ions for reducing this bu Virginia 22313-1450. DC 313-1450. | FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the NOT SEND FEES OR | on is required to obtain or 1.14. This collection is e to depending upon the induce Chief Information Offic COMPLETED FORMS 7 | retain a benefit by stimated to take 12 vidual case. Any co- cer, U.S. Patent and O THIS ADDRES | the publi minutes omments Tradem S. SEND | ic which is to file (and to complete, includir so the amount of the lark Office, U.S. Deporto: To: Commissioner | d by the USPTO to process) ng gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450, |

PTOL-85 (Rev. 07/06) Approved for use through 04/30/2007.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

| APPLICATION NO. | FILING DATE | . FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | | |
|-----------------------------------|-----------------|------------------------|---------------------------------|------------------|--|--|
| 10/748,886 | 12/30/2003 | Naohisa Kasako | 81940.0067 | 1408 | | |
| 24956 | 7590 09/06/2006 | | EXAM | INER · | | |
| MATTINGLY, | STANGER, MALUR | . PEUGH, E | . PEUGH, BRIAN R | | | |
| 1800 DIAGONAI | LROAD | • | ART UNIT | PAPER NUMBER | | |
| SUITE 370 ALEXANDRIA, VA 22314 | | | 2187 DATE MAILED: 09/06/2006 | 6 | | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 298 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 298 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.